

\* SWBAT distinguish between Newton's 3 Laws of motion

Sep 6-2:31 PM



# Welcome!!!

H. Leslie Grebe

\* Pick up:

- slip of paper (for later)
- worksheet
- white board, marker, eraser

Opening Question:

What do you need to do to be ready for next week's test and the end of the quarter?

NOTE SHEET  
BE HERE MONDAY  
SCHOOLVIEW

Centering...

TEST  
TUESDAY!



SECA Physics  
Friday 31 October 2014

Sep 7-7:04 AM

Centering...

Newton's Laws - Practice

Meeker and the vaulting horse  
<http://www.youtube.com/watch?v=pVND8luxv8>

I. Objects at REST TEND TO STAY AT REST & OBJECTS IN MOTION TEND TO STAY IN MOTION  
 LAW OF INERTIA

II.  $F = m \cdot a$

III. For every ACTION FORCE THERE IS AN EQUAL & OPPOSITE REACTION FORCE

a. The force on the gymnast was the same size and opposite direction as the force on the vault  
 $\Rightarrow 3^{RD}$

b. The vault was at rest until it experienced a net force from the gymnast  
 $\Rightarrow 1^{ST}$

c. When the gymnast experienced a force with the vault, he suddenly changed speed (decelerated).  $F = m \cdot a$   $2^{ND}$

d. balloon: **ROCKET**  $3^{RD}$

e. toilet paper **ROLL-STAYED**  $1^{ST}$

f. cart pulled by 2 masses  $F = m \cdot a$   $2^{ND}$

g. paper chop **STAYED AT REST**  $1^{ST}$

h. crash test dummy **STAYED IN MOTION**  $1^{ST}$

i. two scales **EQUAL & OPPOSITE**  $3^{RD}$

j. card and penny **STAYED #1**

k. wall-e **EXTINGUISHER**  $3^{RD}$

f. dark helmet  $1^{ST}$

Sep 21-2:13 PM

## Review: Mass vs. Weight

<https://www.youtube.com/watch?v=xfGII1REu2A>



Oct 31-8:24 AM

### Daily 3 Questions

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

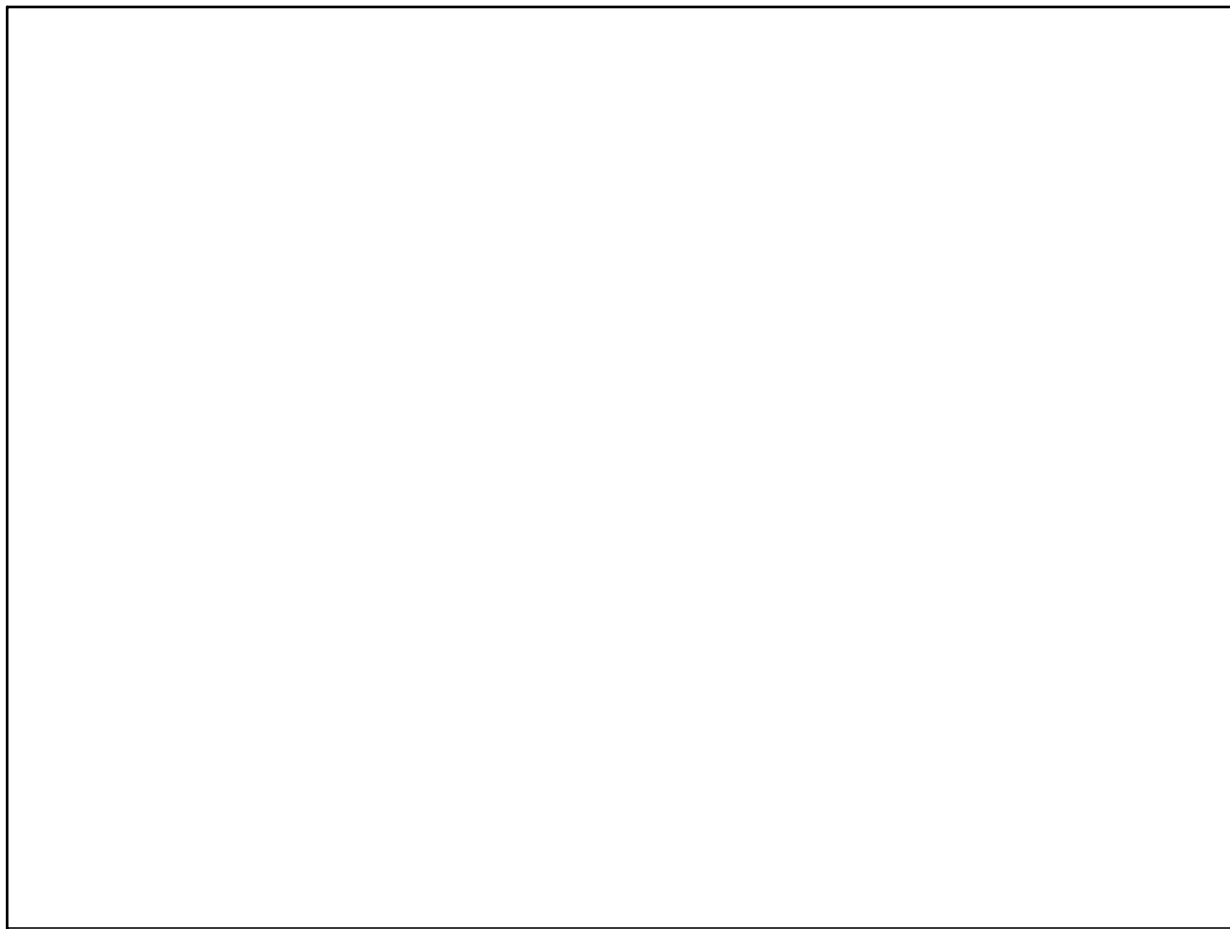
You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. 2 SCALES (3)
2. Dollar chop (1)
3. CART PULLED BY 2 DIFFT. PULLERS (2)

Sep 14-7:28 AM



Oct 31-8:27 AM